

Title (en)
CONVERSION OF CARBOHYDRATES TO HYDROCARBONS

Title (de)
UMWANDLUNG VON KOHLEHYDRATEN IN KOHLENWASSERSTOFFE

Title (fr)
CONVERSION DE GLUCIDES EN HYDROCARBURES

Publication
EP 2516357 A4 20150408 (EN)

Application
EP 10839951 A 20101026

Priority

- US 28891209 P 20091222
- US 91216410 A 20101026
- US 2010054104 W 20101026

Abstract (en)
[origin: US2011152513A1] Materials and processes for the conversion of carbohydrates and polyols to gasoline boiling range hydrocarbons. Carbohydrates and polyols are reacted in the presence of modified zeolite catalysts to form a reaction product containing non-aromatic and aromatic gasoline boiling range hydrocarbons.

IPC 8 full level
C10G 3/00 (2006.01)

CPC (source: EP US)
C10G 3/46 (2013.01 - EP US); **C10G 3/47** (2013.01 - EP US); **C10G 3/49** (2013.01 - EP US); **C10G 3/50** (2013.01 - EP US); **C10G 2300/1011** (2013.01 - EP US); **C10G 2300/301** (2013.01 - EP US); **C10G 2400/02** (2013.01 - EP US); **Y02P 30/20** (2015.11 - EP US)

Citation (search report)

- [X] WO 2008109877 A1 20080912 - VIRENT ENERGY SYSTEMS INC [US], et al
- [I] US 2007142633 A1 20070621 - YAO JIANHUA [US], et al
- See references of WO 2011078909A1

Designated contracting state (EPC)
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US 2011152513 A1 20110623; US 8552230 B2 20131008; AU 2010333904 A1 20120531; AU 2010333904 B2 20150507; BR 112012015511 A2 20160503; CA 2779140 A1 20110630; CA 2779140 C 20171121; EP 2516357 A1 20121031; EP 2516357 A4 20150408; WO 2011078909 A1 20110630

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